

Abstract

7 A packaging material laminate comprises at least a printing ink outer layer, an aluminium vapor deposition film layer containing linear low density polyethylene obtained by a polymerization using metallocene catalyst, a polyethylene-extrusion lamination layer, and a carrier layer of paper or paper substitution material.

The method of manufacturing comprises the steps of vapor-depositing aluminium on one side of the web film containing linear low density polyethylene obtained by the polymerization using metallocene catalyst, winding up the aluminium vapor deposition film temporarily in a reel form, making direct contact between the aluminium vapor deposition surface and the film surface containing a linear low density polyethylene, keeping the reel in predetermined time, unwinding the aluminium vapor deposition film from the kept reel, applying a fused lamination resin by the extrusion lamination by fused polyethylene, between the vapor deposition surface of the aluminium vapor deposition film layer and the surface of the carrier layer, laminating the aluminium vapor deposition film layer and the carrier layer, forming an ink layer in the appearance surface of the outside of the laminate by printing.

INS
A3

09913959-121701